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Print Name: Danielle K. York

Signed: *Danielle K. York*

Customer Number

**27483**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Rehman**

) Examiner: Not yet assigned  
)

Application Serial No.: **10/619,311**

) Art Unit: Not yet assigned  
)

Filed: **July 14, 2003**

Attorney Docket No.: **11694/04283**

For: **UNIPOLARITY POWDER COATING  
SYSTEMS INCLUDING IMPROVED  
TRIBOCHARGING AND CORONA GUNS**

Commissioner for Patents  
Mail Stop DD  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Sir:

Transmitted herewith are the following:

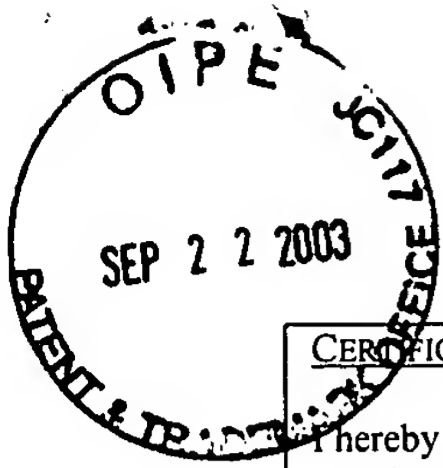
1. Information Disclosure Statement;
2. Form PTO-1449;
3. Fifty-seven (57) References; and
4. Return Receipt Postcard.

It is believed that no fee is required relating to the filing of this Information Disclosure Statement. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: 9/17/03

By: *Douglas B. McKnight*  
—Douglas B. McKnight (Reg. No. 50,447)



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Danielle K. York  
DANIELLE K. YORK

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**SYSTEMS INCLUDING IMPROVED** )  
**TRIBOCHARGING AND CORONA GUNS** )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Mail Stop DD, P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

This information disclosure statement is being filed before the mailing of a first Office Action on the merits. Applicants wish to disclose the following information:

**REFERENCES**

- ☒ The Applicants wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☒ Listed on the attached PTO form 1449 is information known to persons substantively involved in the preparation of the application identified above, and is not a representation that more pertinent information does not exist.

- ☒ The identification of any information herein is not intended to be, and should not be understood as being, an admission that such information, in fact, constitutes "prior art" within the meaning of applicable law. The "prior art" status of any information is a matter to be resolved during prosecution.

### **CERTIFICATION**

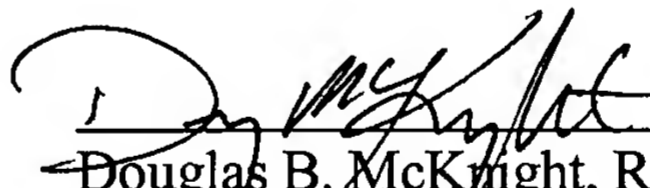
- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.
- ☒ This information disclosure statement is being filed within three months of the filing of the within application and/or prior to a first Office Action on the merits being allowed.

### **DEPOSIT ACCOUNT**

- ☐ A check is attached in the amount of \$\_\_\_\_\_ required under 37 § 1.17(p).
- ☒ It is not believed that any fee is required relating to the filing of this information disclosure statement. If this is not the case, the patent office is hereby authorized to charge any related fee to **Deposit Account No. 03-0172**.

Respectfully submitted,

Date: 9/17/03

  
\_\_\_\_\_  
Douglas B. McKnight, Reg. No. 50,447  
Telephone: 216/622-8559



PTO/SB/08A (02-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Sheet 1 of 4

Application Number	10/619,311
Filing Date	07-14-2003
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	1169404283

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4615649	10-07-1986	Nordson Corporation	
		US- 4246368	01-21-1981	Kansai Paint Company, Limited	
		US- 6254684	07-03-2001	ABB Research Ltd.	
		US- 5319001	06-07-1994	Courtaulds Coating (Holdings) United	
		US- 5567468	10-22-1996	Schonbek Worldwide Lighting Inc.	
		US- 4747546	05-31-1988	Ransburg-Gema AG	
		US- 5683844	11-04-1997	Xerox Corporation	
		US- 3896994	07-29-1975	Arvid C. Walberg & Co.	
		US- 3870375	03-11-1975	Nordson Corporation	
		US- 3903321	09-02-1975	Schaad, Hans J.	
		US- 4071192	01-31-1978	Coors Container Company	
		US- 4090666	05-23-1978	Coors Container Company	
		US- 4225090	09-30-1980	Toyota Jidosha Kogyo Kabushiki Kai	
		US- 4233335	11-11-1980	Etlin, Vladimir N.	
		US- 4345192	08-17-1982	Fujitsu Fanuc Limited	
		US- 4359192	11-16-1982	Toyota Jidosha Kogyo Kabushiki Kai	
		US- 4399945	08-23-1983	Ruud, Jan T.	
		US- 4597534	07-01-1986	Ruud, Jan T.	
		US- 4659011	04-21-1987	Ransburg-Gema AG	

**FOREIGN PATENT DOCUMENTS**

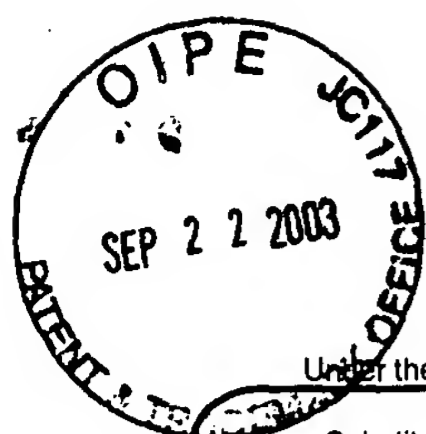
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		FR-2122906-A5	09-01-1972	BEATRICE FOODS CO		
		EP-0372860-A1	06-13-1990	COURTAULDS COATING		
		WO-9427730-A1	12-08-1994	TRINCO AB		
		EP-0795589-A1	09-07-1997	KAO CORPORATION		
		DE-19909805-C1	10-26-2000	Fraunhofer-Gesellschaft zur		
		DE-1577757-A1	01-21-1971	Gema AG		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Application Number	10/619,311
Filing Date	07-14-2003
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	1169404283

Sheet	2	of	4
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		Number-Kind Code <sup>2</sup> (if known)			
		US- 4715535	12-29-1987	Nordson Corporation	
		US- 4798340	01-17-1989	ESB Elektrostatische Spruh- und Besch	
		US- 4830279	05-16-1989	Nordson Corporation	
		US- 4886215	12-12-1989	Nordson Corporation	
		US- 4979680	12-25-1990	VEB Infrarot-Anlagen Oranienburg	
		US- 5011085	04-30-1991	AC Greiff Ytbehandlung AB	
		US- 5044564	09-03-1991	Sickles, James E.	
		US- 5056720	10-15-1991	Nordson Corporation	
		US- 5086972	02-11-1992	Hughes Aircraft Company	
		US- 5181661	01-26-1993	AB Ingredients Ltd.	
		US- 5344082	09-06-1994	Nordson Corporation	
		US- 5395046	03-07-1995	Nordson Corporation	
		US- 5400976	03-28-1995	Matsuo Sangyo Co., Ltd.	
		US- 5402940	04-04-1995	Nordson Corporation	
		US- 5487624	01-30-1996	I.T.M. Corporation	
		US- 5620138	04-15-1997	Nordson Corporation	
		US- 5622313	04-22-1997	Nordson Corporation	
		US- 5739429	04-14-1998	Nordson Corporation	
		US- 5850976	12-22-1998	The Eastwood Company	

**FOREIGN PATENT DOCUMENTS**

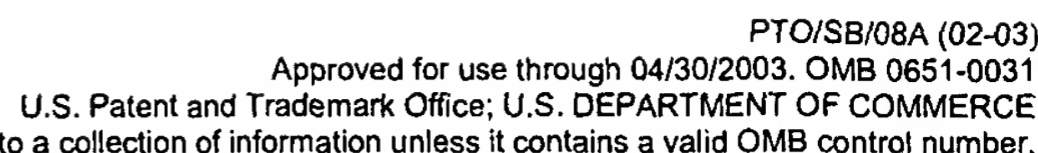
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP-0592137-A1	04-13-1994	NORDSON CORPORATION		
		EP-0627265-A1	12-07-1994	MATSUO SANGYO CO., L.		
		WO-9524272-A1	09-14-1995	SEALFLOCK AKTIEBOLA		
		WO-9901227-A1	01-14-1999	RECKITT & COLMAN PR		
		WO-9961166-A1	12-02-1999	SARNOFF CORPORATION		

Examiner  
SignatureDate  
Considered

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**Complete if Known**

*(Use as many sheets as necessary)*

Sheet	3	of	4
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Application Number	10/619.311
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Filing Date	07-14-2003
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**First Named Inventor**

### Art Unit

Examiner Name \_\_\_\_\_

Attorney Docket Number	1169404283
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Application Number</b>		10/619,311		
	<b>Filing Date</b>		07-14-2003		
	<b>First Named Inventor</b>				
	<b>Art Unit</b>				
	<b>Examiner Name</b>				
<b>Sheet</b>	4	of	4	<b>Attorney Docket Number</b>	1169404283

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Encyclopedia of Polymer Science and Engineering, Volume 12, Pages 399-461.	
		Handbook of Plastic Compounds, Elastomers, and Resins	
		SCOBBO, J.J. Jr., "Conductive Polyphenylene Ether/Polyamide Blends for Electrostatic Painting Applications", Conductive Polymers and Plastics, 1999, pages 181-187.	
		POWDER COATING: The Complete Finisher's Handbook, The Powder Coating Institute, 2nd Printing, 1997, pages 1-7.	
		Interstate Plastics Product Specification, Delrin AF, 1999.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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